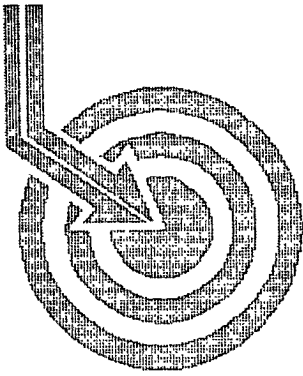




Scientific Drilling

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APR 14 2009

HOBBS

SUR: F-7-18s-35e, 1980/N & 2050/W
BHL: F-7-18s-35e, 2158/N & 1873/W
API # 30-025-39154

OCCIDENTAL PERMIAN LTD.

Field: Devonian
Site: Lea County, NM
Well: Treasure Trunk #1
Wellpath: VH - Job #32K0109008
Survey: 01/03/09

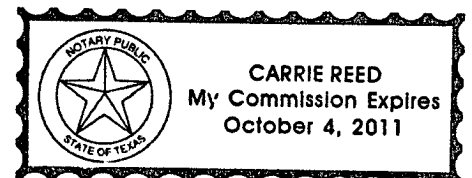
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....L. Wharton.....Company Representative

Notorized this date 25th of March, 2009.

Carrie Reed

Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International Survey Report

Company: OCCIDENTAL PERMIAN LTD.	Date: 03/25/2009	Time: 09:46:12	Page: 1
Field: Devonian	Co-ordinate(NE) Reference:	Site: Lea County, NM, Grid North	
Site: Lea County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Treasure Trunk #1	Section (VS) Reference:	Well (0.00N,0.00E,224.84Azi)	
Wellpath: VH - Job #32K0109008	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 01/03/09 KSRG 0'-11830'	Start Date: 01/03/2009
Company: Scientific Drilling Internatio	Engineer: Madrid w/Schlumberger
Tool: Keeper;Keeper Surface Readout	Tied-to: From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.24	307.90	100.00	0.03	0.13	-0.17	0.24	0.21	307.90
200.00	0.20	24.76	200.00	-0.11	0.42	-0.26	0.28	0.49	328.24
300.00	0.15	342.61	300.00	-0.34	0.70	-0.22	0.13	0.73	342.28
400.00	0.15	103.71	400.00	-0.47	0.79	-0.14	0.26	0.80	350.31
500.00	0.18	42.86	500.00	-0.69	0.88	0.10	0.17	0.88	6.41
600.00	0.05	15.69	600.00	-0.89	1.03	0.22	0.14	1.06	11.86
700.00	0.24	84.56	700.00	-1.09	1.10	0.44	0.23	1.18	21.76
800.00	0.23	36.76	800.00	-1.45	1.28	0.77	0.19	1.49	30.96
900.00	0.18	84.65	900.00	-1.77	1.45	1.04	0.17	1.79	35.68
1000.00	0.41	59.20	999.99	-2.23	1.65	1.51	0.26	2.23	42.39
1100.00	0.28	50.59	1099.99	-2.82	1.99	2.00	0.14	2.82	45.20
1200.00	0.51	69.15	1199.99	-3.47	2.30	2.61	0.26	3.48	48.56
1300.00	0.47	47.38	1299.99	-4.29	2.74	3.32	0.19	4.31	50.53
1400.00	0.54	67.22	1399.98	-5.13	3.20	4.06	0.19	5.17	51.78
1500.00	0.75	47.63	1499.98	-6.22	3.82	4.98	0.30	6.28	52.49
1600.00	0.77	50.90	1599.97	-7.54	4.69	5.98	0.05	7.60	51.93
1700.00	1.12	50.51	1699.95	-9.18	5.73	7.26	0.35	9.25	51.71
1800.00	1.03	55.09	1799.94	-11.04	6.87	8.75	0.12	11.12	51.88
1900.00	1.09	56.16	1899.92	-12.86	7.91	10.28	0.06	12.97	52.41
2000.00	1.38	64.08	1999.90	-14.93	8.97	12.15	0.34	15.10	53.57
2100.00	1.49	58.67	2099.87	-17.33	10.17	14.34	0.17	17.58	54.66
2200.00	1.54	62.15	2199.83	-19.87	11.47	16.64	0.10	20.22	55.42
2300.00	1.69	58.20	2299.79	-22.59	12.88	19.08	0.19	23.02	55.99
2400.00	2.08	55.89	2399.74	-25.81	14.67	21.84	0.40	26.31	56.10
2500.00	2.20	58.21	2499.67	-29.45	16.70	24.97	0.15	30.05	56.23
2600.00	2.58	62.64	2599.58	-33.46	18.75	28.61	0.42	34.20	56.76
2700.00	2.65	62.32	2699.48	-37.81	20.86	32.65	0.07	38.74	57.43
2800.00	2.97	62.89	2799.35	-42.48	23.11	37.00	0.32	43.63	58.01
2900.00	3.05	62.47	2899.22	-47.48	25.52	41.67	0.08	48.86	58.51
3000.00	3.07	62.29	2999.07	-52.57	28.00	46.40	0.02	54.19	58.89
3100.00	3.10	64.33	3098.93	-57.67	30.41	51.21	0.11	59.56	59.29
3200.00	2.99	65.08	3198.79	-62.67	32.68	56.01	0.12	64.85	59.74
3300.00	2.94	62.75	3298.65	-67.56	34.96	60.65	0.13	70.01	60.04
3400.00	2.95	61.88	3398.52	-72.46	37.34	65.20	0.05	75.14	60.20
3500.00	2.80	61.25	3498.40	-77.26	39.73	69.61	0.15	80.15	60.29
3600.00	2.60	60.04	3598.29	-81.79	42.04	73.72	0.21	84.86	60.31
3700.00	2.31	56.06	3698.19	-85.96	44.30	77.36	0.34	89.14	60.20
3800.00	2.30	56.01	3798.11	-89.90	46.54	80.69	0.01	93.15	60.02
3900.00	2.02	50.98	3898.04	-93.62	48.77	83.73	0.34	96.90	59.78
4000.00	1.66	55.40	3997.99	-96.80	50.71	86.29	0.39	100.08	59.56
4100.00	1.55	51.07	4097.95	-99.57	52.38	88.53	0.16	102.87	59.39
4200.00	1.35	50.30	4197.92	-102.09	53.98	90.49	0.20	105.37	59.18
4300.00	1.09	48.23	4297.90	-104.21	55.37	92.11	0.26	107.47	58.99
4400.00	1.06	49.96	4397.88	-106.08	56.60	93.52	0.04	109.32	58.82
4500.00	0.92	49.84	4497.86	-107.80	57.71	94.85	0.14	111.02	58.68
4600.00	0.84	35.45	4597.85	-109.32	58.82	95.89	0.23	112.49	58.47
4700.00	0.91	31.59	4697.84	-110.82	60.10	96.73	0.09	113.88	58.15
4800.00	1.02	28.37	4797.83	-112.45	61.56	97.57	0.12	115.36	57.75



Scientific Drilling International Survey Report

Company: OCCIDENTAL PERMIAN LTD.
Field: Devonian
Site: Lea County, NM
Well: Treasure Trunk #1
Wellpath: VH - Job #32K0109008

Date: 03/25/2009 Time: 09:46:12 Page: 2
Co-ordinate(N/E) Reference: Site: Lea County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,224.84Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl- deg	Azim deg	TVD ft	VS ft	N/S ft	E/V ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.00	1.15	27.83	4897.81	-114.26	63.23	98.46	0.13	117.01	57.29
5000.00	1.18	22.26	4997.79	-116.17	65.07	99.32	0.12	118.73	56.77
5100.00	1.08	18.32	5097.77	-117.96	66.91	100.00	0.13	120.32	56.21
5200.00	1.21	9.12	5197.75	-119.66	68.85	100.46	0.22	121.79	55.58
5300.00	1.34	0.86	5297.72	-121.36	71.06	100.65	0.22	123.21	54.78
5400.00	1.41	356.52	5397.69	-123.02	73.46	100.59	0.13	124.56	53.86
5500.00	1.49	353.95	5497.66	-124.66	75.98	100.38	0.10	125.90	52.88
5600.00	1.75	358.73	5597.62	-126.54	78.80	100.21	0.29	127.48	51.82
5700.00	2.02	357.43	5697.57	-128.79	82.09	100.10	0.27	129.45	50.65
5800.00	2.32	354.17	5797.50	-131.26	85.86	99.81	0.32	131.66	49.30
5900.00	2.77	347.51	5897.40	-133.85	90.24	99.08	0.54	134.02	47.68
6000.00	2.99	346.26	5997.27	-136.52	95.13	97.94	0.23	136.54	45.84
6100.00	3.19	345.46	6097.13	-139.29	100.35	96.62	0.20	139.31	43.92
6200.00	3.04	347.54	6196.98	-142.14	105.64	95.35	0.19	142.31	42.07
6300.00	3.13	347.09	6296.83	-145.03	110.89	94.17	0.09	145.48	40.34
6400.00	3.15	346.43	6396.68	-147.93	116.22	92.92	0.04	148.80	38.64
6500.00	3.14	343.74	6496.53	-150.69	121.52	91.51	0.15	152.12	36.98
6600.00	2.92	343.05	6596.39	-153.22	126.59	90.00	0.22	155.32	35.41
6700.00	2.54	337.08	6696.28	-155.26	131.06	88.39	0.47	158.08	34.00
6800.00	2.03	333.50	6796.20	-156.66	134.69	86.74	0.53	160.20	32.78
6900.00	1.20	336.26	6896.16	-157.61	137.23	85.53	0.83	161.70	31.93
7000.00	0.55	350.55	6996.15	-158.28	138.66	85.03	0.68	162.66	31.52
7100.00	1.36	262.39	7096.14	-157.62	138.98	83.77	1.45	162.27	31.08
7200.00	2.88	244.95	7196.07	-154.32	137.76	80.32	1.63	159.46	30.24
7300.00	5.41	235.98	7295.80	-147.33	134.06	74.13	2.60	153.19	28.94
7400.00	6.74	236.07	7395.23	-136.95	128.14	65.36	1.33	143.85	27.02
7500.00	8.75	241.02	7494.32	-123.89	121.18	53.83	2.12	132.60	23.95
7600.00	10.92	236.74	7592.84	-107.31	112.30	39.26	2.29	118.97	19.27
7700.00	13.56	233.87	7690.56	-86.46	100.19	21.86	2.71	102.55	12.31
7800.00	15.56	235.81	7787.35	-61.71	85.74	1.30	2.06	85.75	0.87
7900.00	16.63	235.59	7883.42	-34.49	70.12	-21.60	1.07	73.37	342.88
8000.00	17.69	232.59	7978.97	-5.37	52.80	-45.48	1.38	69.68	319.26
8100.00	18.39	223.37	8074.08	25.46	32.10	-68.38	2.94	75.54	295.15
8200.00	19.02	213.43	8168.82	57.21	7.03	-88.20	3.25	88.48	274.55
8300.00	16.39	198.77	8264.12	85.87	-19.95	-101.72	5.16	103.66	258.90
8400.00	13.26	200.87	8360.78	109.03	-44.03	-110.35	3.18	118.81	248.25
8500.00	13.39	212.53	8458.11	130.83	-64.51	-120.66	2.69	136.83	241.87
8600.00	14.08	226.14	8555.27	154.31	-82.71	-135.67	3.30	158.89	238.63
8700.00	16.03	234.16	8651.85	180.10	-99.22	-155.63	2.85	184.57	237.48
8800.00	17.88	230.92	8747.50	208.99	-116.99	-178.74	2.08	213.63	236.80
8900.00	17.14	220.03	8842.89	238.95	-137.95	-200.14	3.35	243.08	235.42
9000.00	14.70	213.16	8939.06	266.06	-159.86	-216.57	3.08	269.18	233.57
9100.00	13.26	204.47	9036.10	289.24	-180.93	-228.26	2.54	291.27	231.60
9200.00	9.62	199.66	9134.10	307.56	-199.24	-235.82	3.76	308.72	229.81
9300.00	4.70	207.10	9233.29	319.03	-210.76	-240.50	5.00	319.79	228.77
9400.00	2.55	258.47	9333.11	324.79	-214.86	-244.55	3.69	325.53	228.70
9500.00	2.64	266.98	9433.01	328.35	-215.42	-249.03	0.40	329.28	229.14
9600.00	2.27	264.68	9532.91	331.58	-215.73	-253.30	0.38	332.72	229.58
9700.00	1.05	305.01	9632.87	333.26	-215.39	-256.02	1.62	334.57	229.93
9800.00	1.14	225.52	9732.86	334.41	-215.56	-257.49	1.40	335.80	230.07
9900.00	1.74	165.38	9832.83	336.17	-217.72	-257.81	1.53	337.45	229.82
10000.00	2.40	110.70	9932.78	336.09	-219.93	-255.47	1.99	337.10	229.27



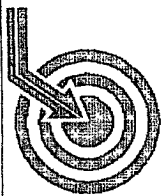
Scientific Drilling International

Survey Report

Company: OCCIDENTAL PERMIAN LTD.	Date: 03/25/2009	Time: 09:46:12	Page: 3
Field: Devonian	Co-ordinate(NE) Reference:	Site: Lea County, NM, Grid North	
Site: Lea County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Treasure Trunk #1	Section (VS) Reference:	Well (0.00N,0.00E,224.84Azi)	
Wellpath: VH - Job #32K0109008	Survey Calculation Method:	Minimum Curvature	Db: Sybase

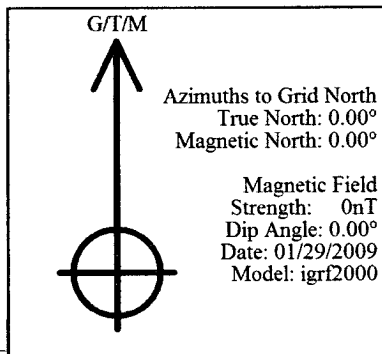
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
10100.00	3.23	70.58	10032.66	332.70	-219.74	-250.85	2.08	333.48	228.78
10200.00	3.26	73.34	10132.50	327.66	-217.98	-245.47	0.16	328.29	228.39
10300.00	3.28	77.33	10232.34	322.75	-216.54	-239.96	0.23	323.22	227.94
10400.00	3.08	80.91	10332.19	318.16	-215.49	-234.51	0.28	318.48	227.42
10500.00	3.13	78.00	10432.04	313.70	-214.50	-229.19	0.17	313.91	226.90
10600.00	3.31	77.66	10531.88	308.99	-213.31	-223.70	0.18	309.10	226.36
10700.00	3.31	76.84	10631.72	304.12	-212.04	-218.07	0.05	304.16	225.80
10800.00	3.08	77.65	10731.56	299.41	-210.81	-212.63	0.23	299.42	225.25
10900.00	2.39	73.14	10831.45	295.32	-209.63	-208.01	0.72	295.32	224.78
11000.00	1.79	67.21	10931.38	292.04	-208.42	-204.58	0.64	292.04	224.47
11100.00	1.74	59.99	11031.33	289.13	-207.05	-201.82	0.23	289.14	224.27
11200.00	2.14	58.49	11131.27	285.85	-205.32	-198.92	0.40	285.87	224.09
11300.00	2.70	52.19	11231.18	281.70	-202.90	-195.46	0.62	281.73	223.93
11400.00	2.46	56.37	11331.08	277.26	-200.27	-191.82	0.30	277.31	223.77
11500.00	3.07	42.10	11430.97	272.48	-197.09	-188.23	0.92	272.54	223.68
11600.00	3.35	29.48	11530.81	266.99	-192.56	-185.00	0.76	267.03	223.85
11700.00	4.07	25.45	11630.60	260.82	-186.81	-182.04	0.77	260.84	224.26
11800.00	3.89	29.30	11730.36	254.21	-180.65	-178.85	0.32	254.21	224.71
11830.00	3.74	27.26	11760.29	252.30	-178.89	-177.91	0.67	252.30	224.84

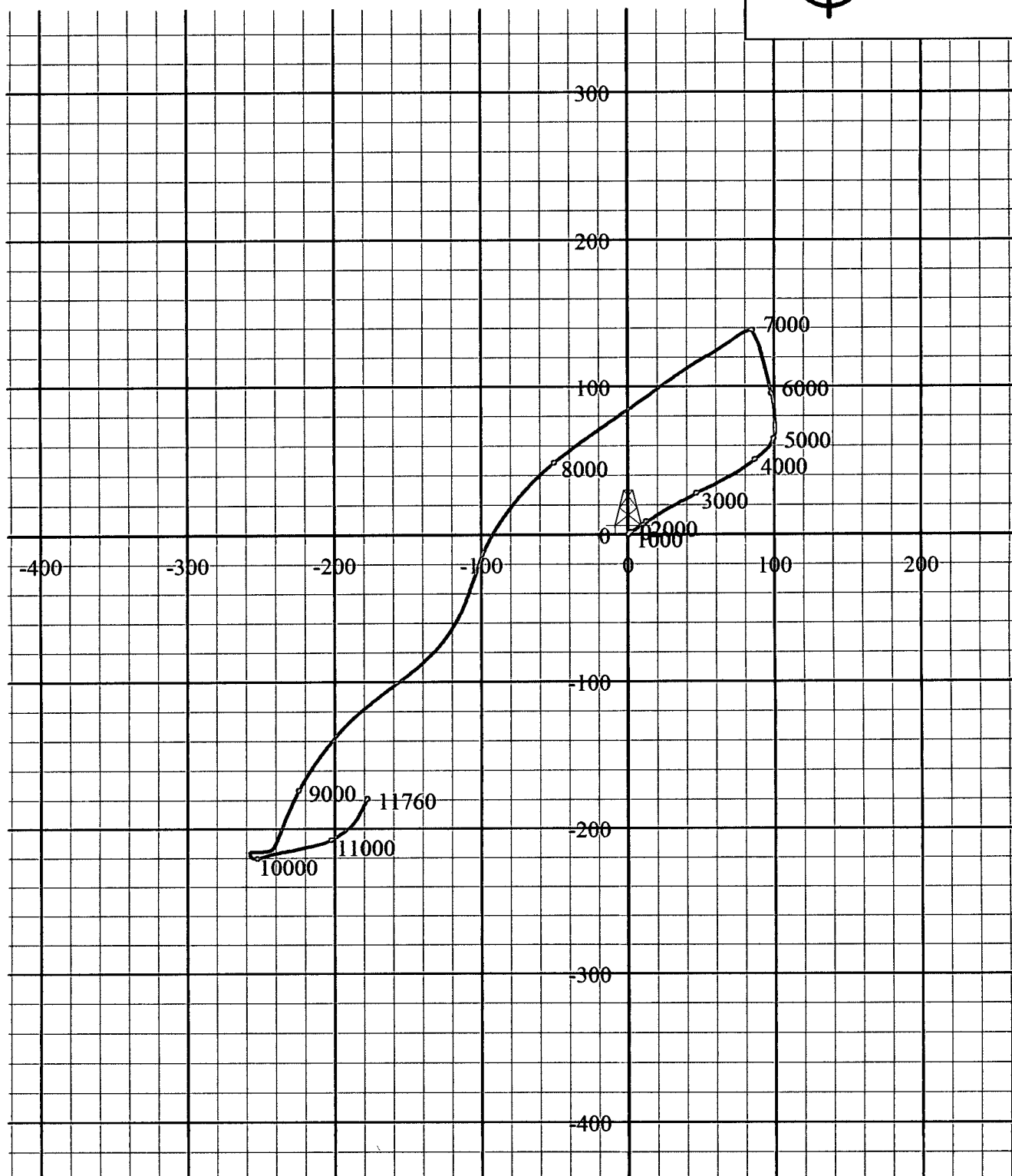


Scientific
Drilling

Field: Devonian
Site: Lea County, NM
Well: Treasure Trunk #1
Wellpath: VH - Job #32K0109008
Survey: 01/03/09



South(-)/North(+) [50ft/in]



West(-)/East(+) [50ft/in]